BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/05/2021-22 Dated: 11-08-2021

APPROVED TENDER SCHEDULE –'B'

Item 07

Name of Work :-Extension and Additional Works to Parking Lot at 16th A Main and 16th B Cross Roads in ward No 04

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri B B UMESHA	
				Rate	Rate in Words
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and site engineer in charge	Cum	177.70	405.50	Four Hundred Five Paise Fifty Only
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry. B. Rubble Stone masonry in cement mortar complete as per specifications and site engineer in charge	Cum	10.89	390.10	Three Hundred Ninety Paise Ten Only
3	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed complete as per specifications and site engineer in charge.	Cum	70.69	349.93	Three Hundred FourtyNine Paise NinetyThree Only
4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and site engineer in charge	Cum	73.24	5772.66	Five Thousand Seven Hundred SeventyTwo Paise SixtySix Only

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore

5	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. specification and site engineer in charge	Cum	138.97	5108.04	Five Thousand One Hundred Eight Paise Four Only
6	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. specification and site engineer in charge	Cum	38.39	6674.02	Six Thousand Six Hundred SeventyFour Paise Two Only
7	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. specification and site engineer in charge	Cum	110.85	5921.59	Five Thousand Nine Hundred TwentyOne Paise FiftyNine Only
8	Providing and laying M-15 cement concrete flooring 60 mm thick with metallic concrete hardner toping, under layer of 45mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with metalic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications and site engineer in charge	Sqm	807.36	779.10	Seven Hundred SeventyNine Paise Ten Only
9	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful complete as per specifications and site engineer in charge	Sqm	807.93	9587.63	Nine Thousand Five Hundred EightySeven Paise SixtyThree Only

Executive Engineer,
Yelahanka Division,
B.B.M.P, Bangalore

10	Fabricating, providing and erecting in position Hot dip Galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other	Sqm	58.56	13080.07	Thirteen Thousand Eighty Paise Seven Only
11	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications and site engineer in charge	Sqm	219.92	1026.94	One Thousand TwentySix Paise NinetyFour Only
12	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and site engineer in charge	Sqm	467.82	290.08	Two Hundred Ninety Paise Eight Only
13	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and site engineer in charge	Sqm	697.00	2279.50	Two Thousand Two Hundred SeventyNine Paise Fifty Only
14	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification page no 111 item no 14.56	m	1040.95	203.83	Two Hundred Three Paise EightyThree Only

Executive Engineer,
Yelahanka
B.B.M.P.

15	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as per specifications and site engineer in charge	m	644.00	453.46	Four Hundred FiftyThree Paise FourtySix Only
16	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and site engineer in charge	Sqm	115.76	88.91	EightyEight Paise NinetyOne Only
17	Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications and site engineer in charge	Cum	119.34	361.21	Three Hundred SixtyOne Paise TwentyOne Only
18	Construction of partition wall 10 cms thick with table moulded modular burnt bricks of class designation 5.0Newton per sqmm with cement mortar 1:4 including providing and fixing plaster mesh manufactured out of hot dipped gelvanised iron of nominal thickness 0.35 mm. 100 mm. wide as per I.S. 2212/1991 at 7.5 m. c to c including cost of materials, labour charges, scaffolding, curing complete as per specifications. and site engineer in charge	sqm	12.85	913.58	Nine Hundred Thirteen Paise FiftyEight Only
19	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and site engineer in charge-40mm jelly	Cum	0.72	1993.20	One Thousand Nine Hundred NinetyThree Paise Twenty Only
20	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and site engineer in charge-20mm jelly	Cum	0.72	1993.20	One Thousand Nine Hundred NinetyThree Paise Twenty Only
21	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and site engineer in charge-coarse sand	Cum	0.54	2779.57	Two Thousand Seven Hundred SeventyNine Paise FiftySeven Only
22	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and site engineer in charge-fine sand	Cum	0.36	2779.57	Two Thousand Seven Hundred SeventyNine Paise FiftySeven Only

Executive Engineer,
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23	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications and site engineer in charge-12.5mm chips	Cum	0.54	1993.20	One Thousand Nine Hundred NinetyThree Paise Twenty Only
24	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: HDPE Grade PE80-PN6.0, 630mm dia .(Perforated Pipe for Rain Water Harvesting Pit) complete as per specifications. specification and site engineer in charge	Rmt	40.00	11347.20	Eleven Thousand Three Hundred FourtySeven Paise Twenty Only
25	Providing of Geonets for Rain Water Harvesting pit on the filter media as specified in drawings or as approved by Engineer Incharge	Sqm	1.80	74.47	SeventyFour Paise FourtySeven
26	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specification and site engineer in charge	Sqm	3246.71	1233.67	One Thousand Two Hundred ThirtyThree Paise SixtySeven Only
27	Providing and fixing precast bollards made out of M30 ready mixed concrete laid in 15cm thick with steel reinforcement including form work, curing, including cost of all materials, labour, painting, HOM of machineries, loading, unloading, lead and lift, transportation etc.complete as per engineer incharge (Approved Data rate)	Nos	58.00	1300.14	One Thousand Three Hundred Paise Fourteen Only

Signature of the Contractor

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